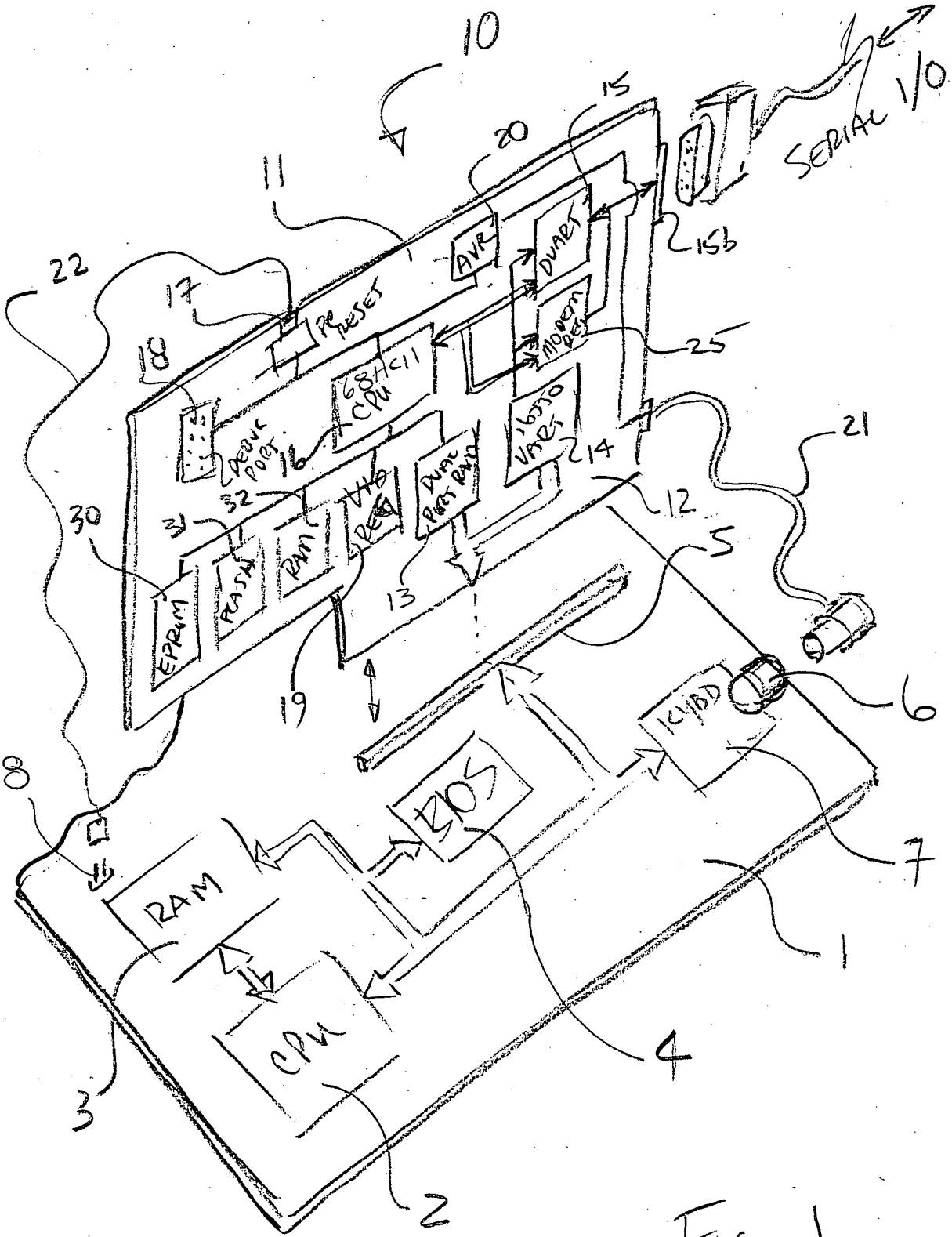

10
11
15
20
SERIAL I/O
15b
22
17
18
AVR
DUART
RESET
68HC11 CPU
MODEM
25
DEBUG PORT
16
32
31
30
VHDC
DUART PORT
VIDEO
14
21
12
5
EPROM
FLASH
DRAM
13
19
6
ICU/DD
8
BIOS
7
RAM
1
CPU
4
3
2

Fig. 1

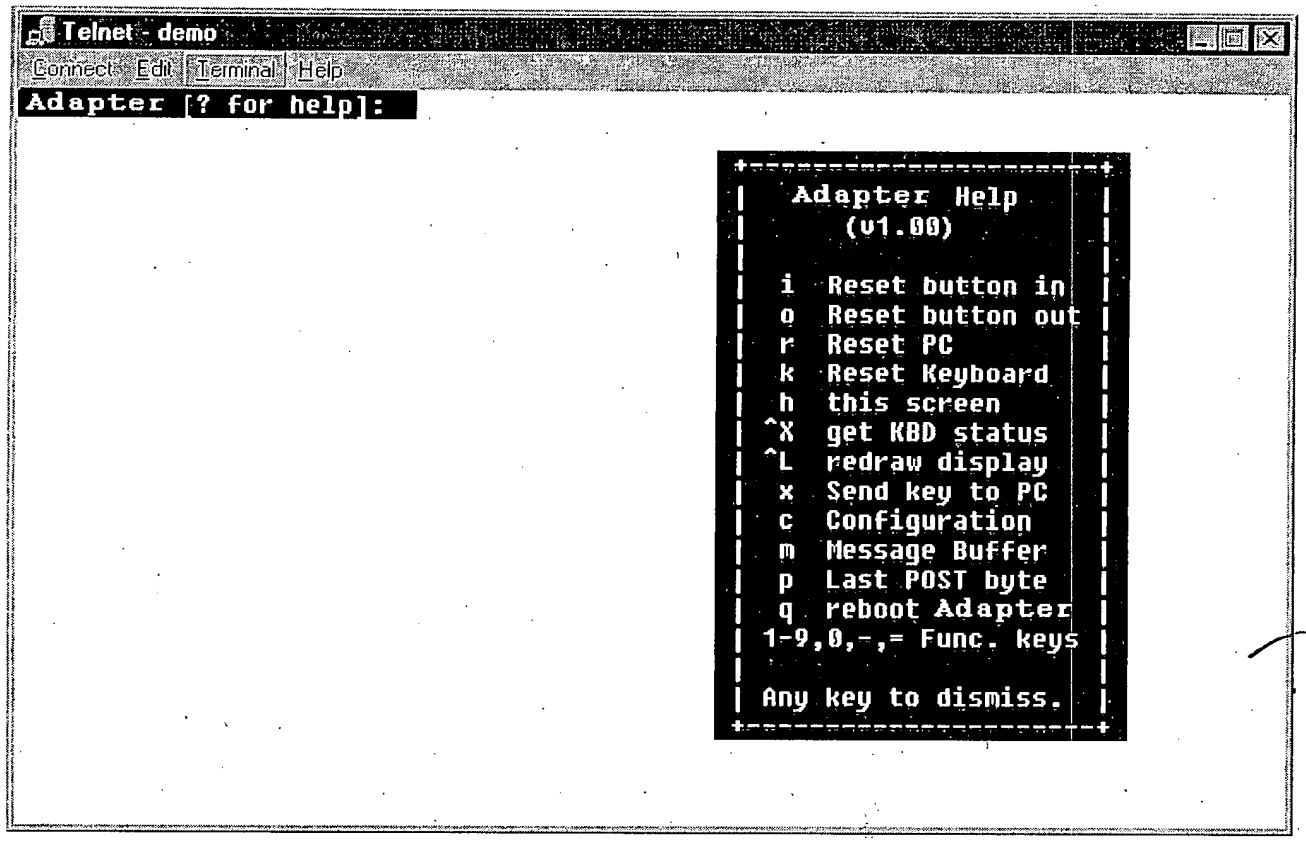
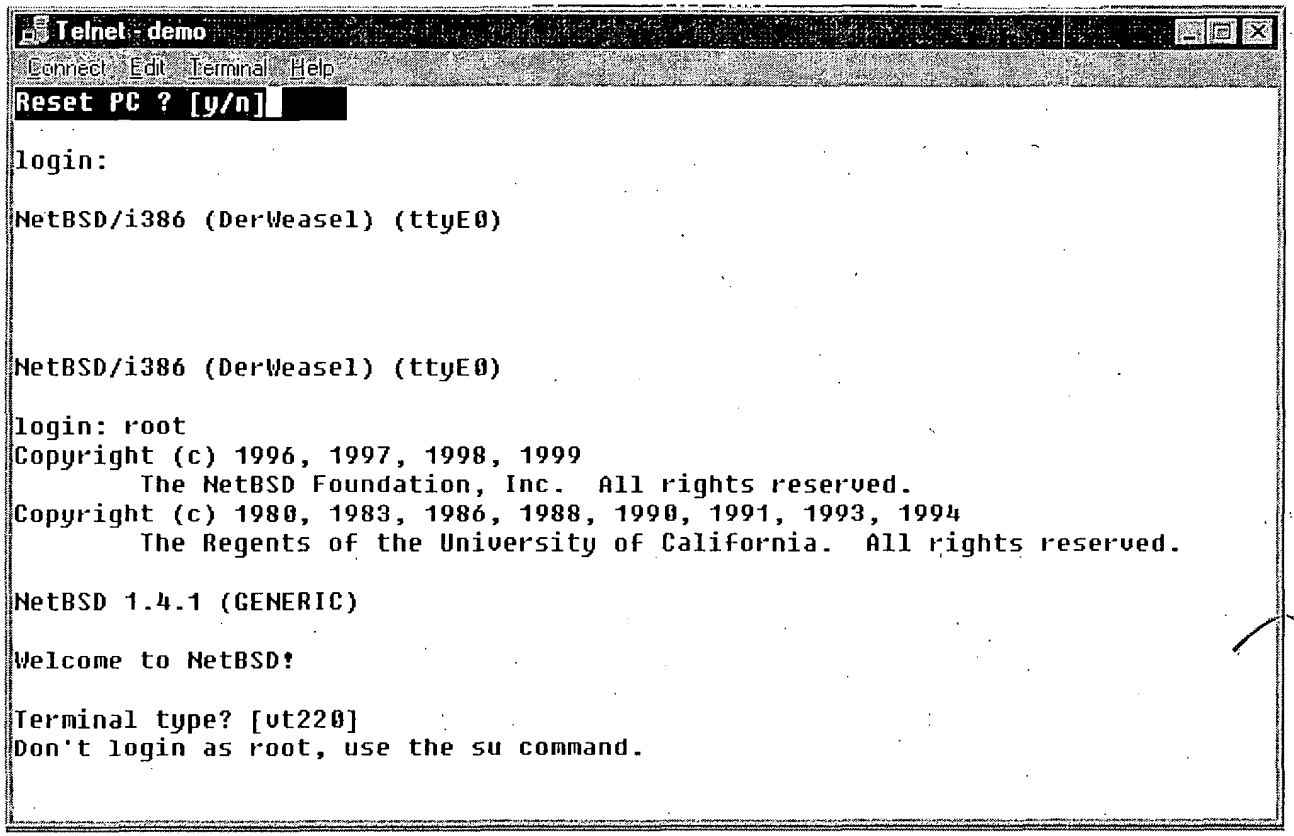
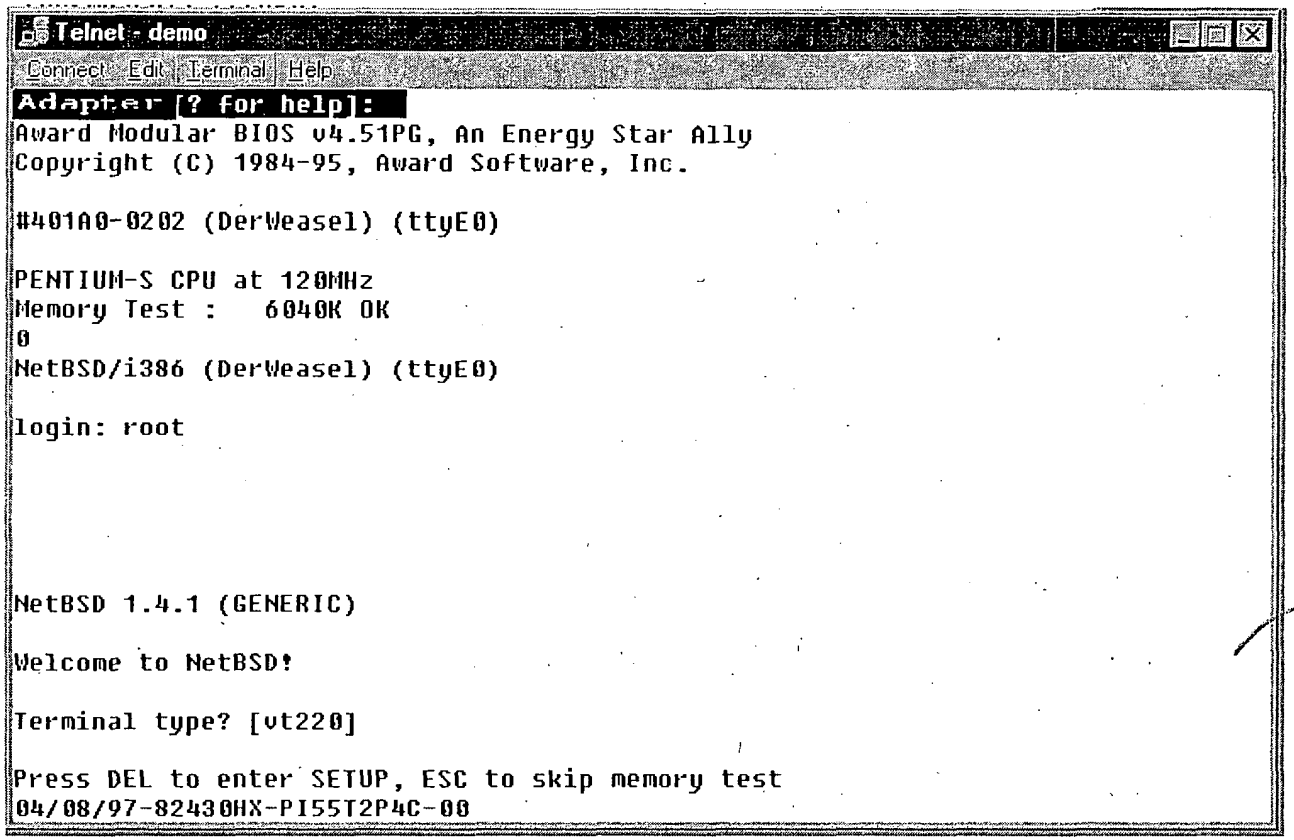

Telnet - demo
Connect Edit Terminal Help
Adapter [? for help]:
Adapter Help
(v1.00)
i Reset button in
o Reset button out
r Reset PC
k Reset Keyboard
h this screen
^X get KBD status
^L redraw display
x Send key to PC
c Configuration
m Message Buffer
p Last POST byte
q reboot Adapter
1-9,0,-,= Func. keys
Any key to dismiss.
9

Fig 2


Telnet - demo
Connect Edit Terminal Help
Reset PC ? [y/n]
login:
NetBSD/i386 (DerWeasel) (ttyE0)
NetBSD/i386 (DerWeasel) (ttyE0)
login: root
Copyright (c) 1996, 1997, 1998, 1999
The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 1980, 1983, 1986, 1988, 1990, 1991, 1993, 1994
The Regents of the University of California. All rights reserved.
NetBSD 1.4.1 (GENERIC)
Welcome to NetBSD!
Terminal type? [vt220]
Don't login as root, use the su command.

9

Fig 3


Telnet - demo
Connect Edit Terminal Help
Adapter [? for help]:
Award Modular BIOS v4.51PG, An Energy Star Ally
Copyright (C) 1984-95, Award Software, Inc.
#401A0-0202 (DerWeasel) (ttyE0)
PENTIUM-S CPU at 120MHz
Memory Test : 6040K OK
0
NetBSD/i386 (DerWeasel) (ttyE0)
login: root
NetBSD 1.4.1 (GENERIC)
Welcome to NetBSD!
Terminal type? [vt220]
Press DEL to enter SETUP, ESC to skip memory test
04/08/97-82430HX-PI55T2P4C-00

9

Fig 4

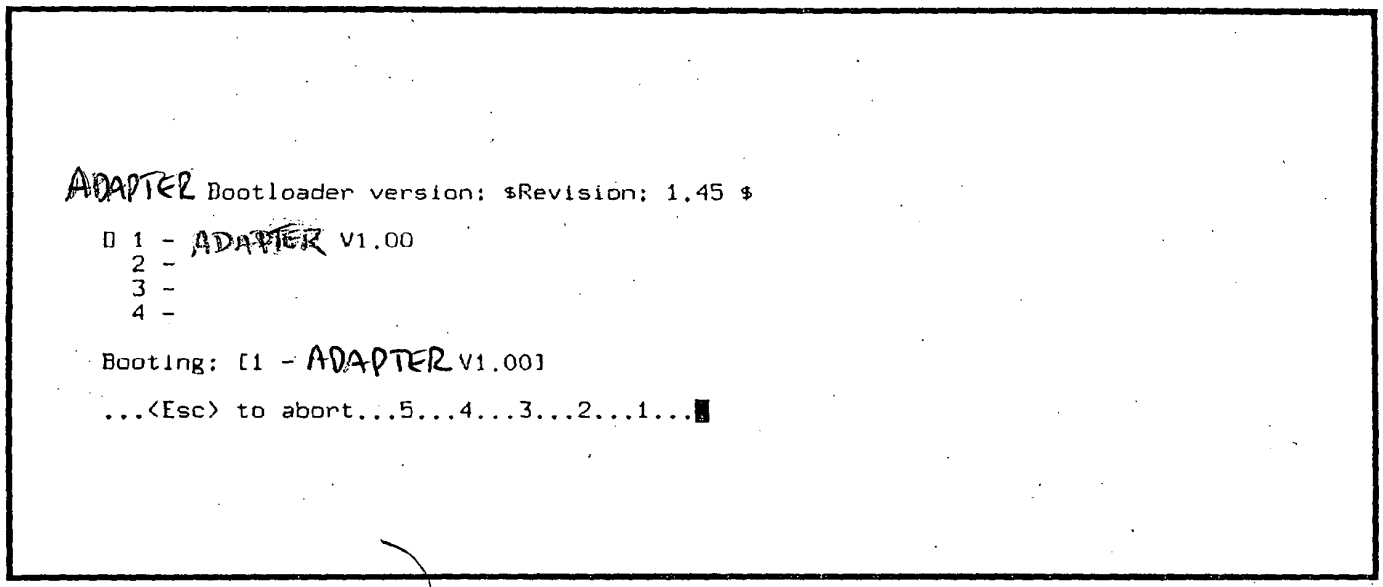

ADAPTER Bootloader version: $Revision: 1.45 $
0 1 - ADAPTER V1.00
2 -
3 -
4 -
Booting: [1 - ADAPTER V1.00]
...<Esc> to abort...5...4...3...2...1...
9

Fig. 5

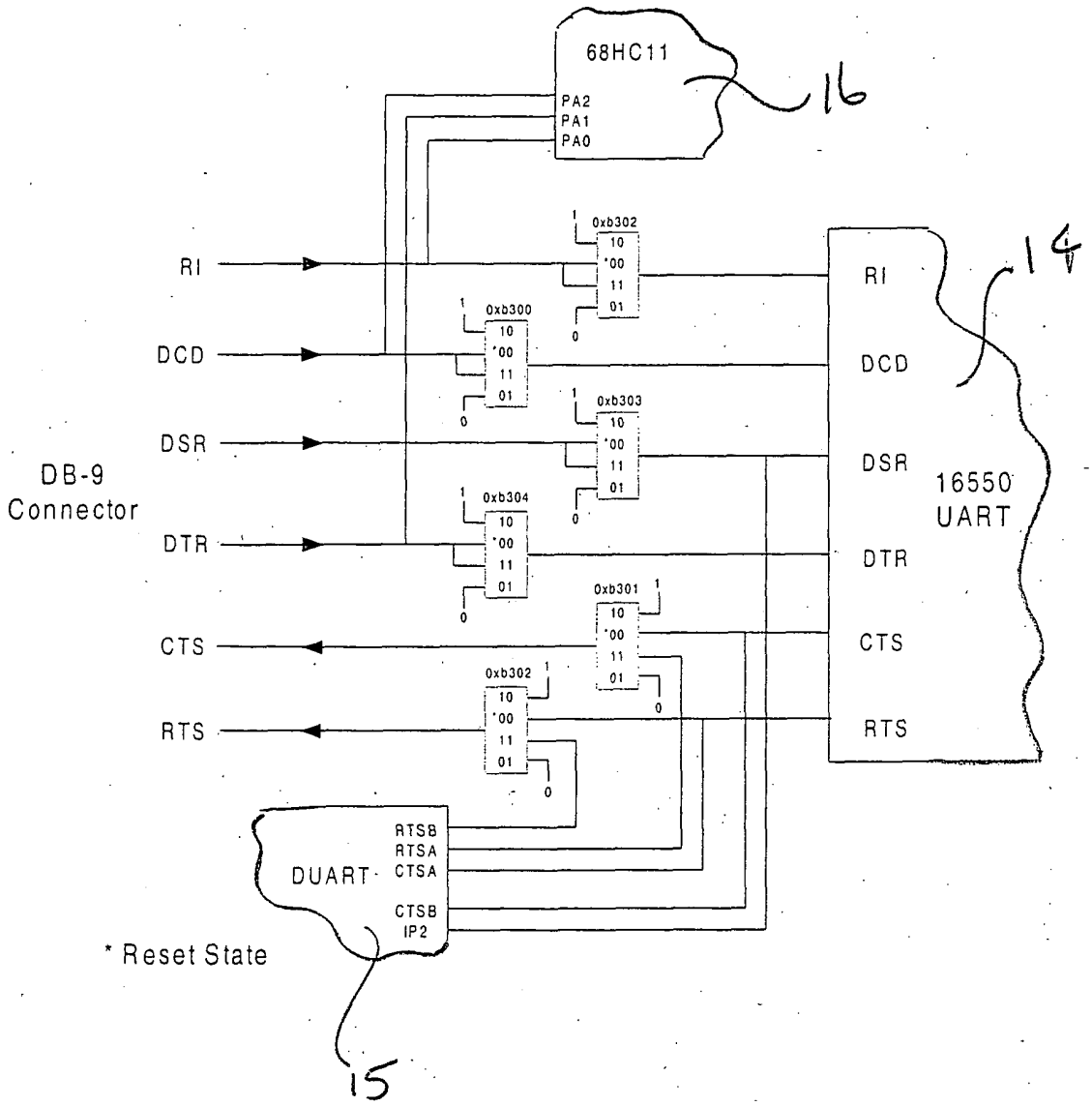

68HC11
16
PA2
PA1
PA0
RI
DCD
DSR
DTR
CTS
RTS
DB-9
Connector
0xb300
0xb301
0xb302
0xb303
0xb304
10
*00
11
01
14
16550
UART
DUART
RTSB
RTSA
CTSA
CTSB
IP2
* Reset State
15

Fig 6

Numeric Pad Keys	
kp0	0
kp1	1
kp2	2
kp3	3
kp4	4
kp5	5
kp6	6
kp7	7
kp8	8
kp9	9
kp.	Decimal
kpent	Enter
kp+	Plus
kp-	Minus
kp*	Asterisk
kp/	Slash

Miscellaneous Keys	
shift	Right Shift
ctrl	Right Control
alt	Right Alt
lshift	Left Shift
lctrl	Left Control
lalt	Left Alt
scrllk	Scroll Lock
prtscr	Print Screen
pause	Pause
enter	Enter
Point tab	Tab
esc	Escape
bs	Backspace
space	Space
minus	Minus / Hyphen
capslk	Caps Lock
numlk	Num Lock

Cursor Keys	
left	Left arrow
down	Down arrow
right	Right arrow
up	Up arrow
ins	Insert
del	Delete
home	Home
end	End
pgup	Page Up
pgdn	Page Down

Function Keys	
f1	1
f2	2
f3	3
f4	4
f5	5
f6	6
f7	7
f8	8
f9	9
f10	10
f11	11
f12	12

Modifier Keys	
s-	Right Shift
c-	Right Control
a-	Right Alt
S-	Left Shift
C-	Left Control
A-	Left Alt

Fig 7

Key	Action
c	Configuration
i/o/r	Reset Button Operations
^L	Redraw Display
m	Message Buffer
p	Last POST Byte
q	Quit to ROM
x	Send Key To PC
^X	Get KBD Status
1-9,0,-,=	Function Keys

Fig 8